

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 9/15/03 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptablecategories of drawings: Black ink or  
Color (3 sets required).☐ Color drawings are not acceptable until petition is  
granted. Fig(s) \_\_\_\_\_☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_**2. PHOTOGRAPHS.** 37 CFR 1.84(b)☐ 1 full-tone set is required. Fig(s) \_\_\_\_\_☐ Photographs may not be mounted. 37 CFR 1.84(e)☐ Photographs must meet paper size requirements of  
of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_**3. TYPE OF PAPER.** 37 CFR 1.84(c)☐ Paper not flexible, strong, white, and durable.☐ Fig(s) \_\_\_\_\_☐ Erasures, alterations, overwritings, interlineations,  
folds, copy machine marks not accepted.☐ Fig(s) \_\_\_\_\_**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable  
sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.☐ Sheet(s) \_\_\_\_\_☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) \_\_\_\_\_☐ Top (T) \_\_\_\_\_ Left (L)☐ Right (R) \_\_\_\_\_ Bottom (B)**6. VIEWS.** 37 CFR 1.84(h)REMINDER: Specification may require revision to  
correspond to drawing changes, e.g., if Fig. 1 is  
changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the  
specification, at the Brief Description of the Drawings,  
must likewise be changed.☐ Views not labeled separately or properly.☐ Fig(s) \_\_\_\_\_**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)☐ Sectional designation should be noted with

Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)☐ Words do not appear on a horizontal, left-to-right  
fashion when page is either upright or turned so  
that the top becomes the right side, except for  
graphs. Fig(s) \_\_\_\_\_**9. SCALE.** 37 CFR 1.84(k)☐ Scale not large enough to show mechanism  
without crowding when drawing is reduced in  
size to two-thirds in reproduction.☐ Fig(s) \_\_\_\_\_**10. CHARACTER OF LINES, NUMBERS, &  
LETTERS.** 37 CFR 1.84(l)☐ Lines, numbers & letters not uniformly thick and  
well defined, clean, durable, and black (poor line  
quality). Fig(s) \_\_\_\_\_**11. SHADING.** 37 CFR 1.84(m)☐ Solid black areas pale. Fig(s) \_\_\_\_\_☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_**12. NUMBERS, LETTERS, & REFERENCE  
CHARACTERS.** 37 CFR 1.84(p)☐ Numbers and reference characters not plain and  
legible. Fig(s) \_\_\_\_\_☐ Figure legends are poor. Fig(s) \_\_\_\_\_☐ Numbers and reference characters not oriented in  
the same direction as the view. 37 CFR 1.84(p)(1)  
Fig(s) \_\_\_\_\_☐ English alphabet not used. 37 CFR 1.84(p)(2)☐ Fig(s) \_\_\_\_\_☒ Numbers, letters and reference characters must be  
at least 32 cm (1/8 inch) in height. 37 CFR  
1.84(p)(3). Fig(s) 1-2**13. LEAD LINES.** 37 CFR 1.84(q)☐ Lead lines missing. Fig(s) \_\_\_\_\_**14. NUMBERING OF SHEETS OF DRAWINGS.**

37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic  
numerals beginning with number 1. Sheet(s) \_\_\_\_\_**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)☐ Views not numbered consecutively, and in Arabic  
numerals, beginning with number 1. Fig(s) \_\_\_\_\_**16. DESIGN DRAWINGS.** 37 CFR 1.152☐ Surface shading shown not appropriate.☐ Fig(s) \_\_\_\_\_☐ Solid black surface shading is not permitted except  
when used to represent the color black as well as  
color contrast. Fig(s) \_\_\_\_\_**COMMENTS:**Reviewer TonyDate 10/6/03

If you have questions, call (703) 305-8404.

Attachment to Paper No. \_\_\_\_\_

**BEST AVAILABLE COPY**